

What Is Claimed Is:

- 1 1. A server load reduction system including a master URL
2 containing data comprising:
3 a proxy server comprising a proxy server cache and a distribution
4 mechanism, said proxy server adapted to receive the data from the master URL,
5 said proxy server comprising logic operative to record the data in a proxy server
6 cache, said proxy server further comprising a distribution mechanism for
7 distributing the data to a client server; and
8 a proxy browser adapted to conduct a browse operation to request
9 the data contained in the master URL, said browse operation conducted through
10 said proxy server, said proxy browser containing logic operative to notify said
11 client server to load the data when said proxy server contains all of the data.

- 1 2. A server load reduction system according to claim 1 wherein
2 said client server is associated with a group of user terminals such that said group
3 of user terminals download said data.

- 1 3. A server load reduction system according to claim 2 wherein
2 at least two members of said group of user terminals operate different web
3 browser programs.

- 1 4. A server load reduction system according to claim 1 wherein
2 said proxy server further comprises a multicast proxy server.

- 1 5. A server load reduction system according to claim 1 wherein
2 the data is transferred to said client from said proxy server through a SERGE
3 transport system.

1 6. A server load reduction system according to claim 1 wherein
2 said proxy server further comprises logic operative to signal said proxy server to
3 update said proxy server cache when the data is modified.

1 7. A method for reduction of server load comprising:
2 conducting a browse operation with a proxy browser to find a
3 master URL;
4 requesting data contained in said master URL for use by a first
5 client;
6 receiving said data in a proxy server;
7 storing said data in said proxy server; and
8 notifying a first client server when said proxy server contains all of
9 said data.

1 8. A method according to claim 7 wherein requesting data
2 contained in said master URL further comprises requesting data contained in said
3 master URL for use by a second client.

1 9. A method according to claim 7 wherein notifying further
2 comprises notifying a second client server when said proxy server contains all of
3 said data.

1 10. method according to claim 7 further comprising the step of
2 updating said proxy server to contain substantially current master URL data.

1 11. A method for reduction of server load comprising:
2 conducting a browse operation with a proxy browser to find a
3 master URL;

4 requesting a unicast portion of data contained in said master URL
5 for use by a first client;
6 receiving said unicast portion of said data in a proxy server;
7 storing said unicast portion of said data in said proxy server;
8 notifying a first client server when said proxy server contains all of
9 said unicast portion of said data;
10 requesting a multicast portion of said data contained in said master
11 URL for use by said first client;
12 receiving said multicast portion of said data in said proxy server;
13 and
14 notifying a second client server when said proxy server contains all
15 of said multicast portion of said data.

1 12. A method according to claim 11 wherein requesting said
2 unicast portion of said data contained in said master URL further comprises
3 requesting said unicast portion of said data contained in said master URL for use
4 by a second client.

1 13. A method according to claim 12 wherein requesting said
2 multicast portion of said data contained in said master URL further comprises
3 requesting said multicast portion of said data contained in said master URL for
4 use by said second client.

1 14. A method according to claim 11 further comprising
2 downloading said multicast portion of said data to said first client server.

1 15. A method according to claim 11 wherein notifying said first
2 client server when said proxy server contains all of said unicast portion of said

3 data further comprises notifying said second client server when said proxy server
4 contains all of said unicast portion of said data.

1 16. A method according to claim 11 further comprising
2 downloading said multicast portion of said data to said second client server.

1 17. A method according to claim 11 further comprising the step
2 of updating said first proxy server to contain substantially current master URL
3 data.